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ABSTRACT

There is provided a nonlinear optical crystal which is presented by the formula: $K_2Al_2B_2O_7$. This nonlinear optical crystal is a vacuum ultraviolet light generating nonlinear optical crystal which is easy to grow and of high practical use. There are also provided a wavelength conversion method using this crystal, and an element and a wavelength conversion apparatus for use in the method.

RECORDED - INDEXED - SERIALIZED - FILED
FEB 13 1979